

**'FORAGE MATTERS' CONT' FROM PAGE 4**

Another option would be to establish an area early to a cool-season crop and another area later to a warm-season crop. This staging of crops can increase total forage production and facilitate an easy transition between forage sources. Another option to add additional grazing days would be to plant a mixture. Barley is the earliest maturing of the cool-season crops mentioned above, triticale is the latest and oats fall in between. Blending a combination can help stretch the grazing period. Other species can also be added depending on your goals. For example, adding a tap-rooted crop can add diversity and improve soil health. Legumes can also be added to improve nitrogen fixation and forage quality.

such as species, whether it is grown as a monoculture or mixture, length of the growing season, yield, environmental conditions, soil-available nitrogen and soil pH. In general, the ability to fix nitrogen is highest in perennial legumes, then cool-season annual legumes, then summer annual legumes. Nitrogen fixation is higher when the legume is grown as a monoculture than in a mixture. For legumes to fix nitrogen, it takes energy. If there is ample inorganic nitrogen in the soil, the legume will happily use this source of nitrogen rather than fix its own.

Legumes do have the ability, when conditions are right, to fix large amounts of nitrogen, no doubt about that. To capture the most of that fixed nitrogen, the legume should be cycled back into the soil through plant decay or by grazing and cycling through the animal and back to the soil. When legumes are harvested as hay and removed from the field, the majority of the nitrogen fixed by the plant moves with the bale.

This is a pretty big topic, so look for more about the transfer of nitrogen from legumes to other plants in next month's edition of Forage Matters.

James Rogers is a North Dakota State University Extension forage crops production specialist at the North Central Research Extension Center near Minot, North Dakota.

Another question I hear is, "I want to add a legume, so I don't have to apply nitrogen fertilizer, right?" That's a good reason, so how does that work? It works by the legume plant forming a symbiotic relationship with rhizobia bacteria. Symbiotic relationships function by each organism in the relationship receiving benefits from the other. The legume plant provides food in the form of carbohydrates to the rhizobia bacteria living in specialized plant root nodules. In return, the rhizobia bacteria fix atmospheric nitrogen into ammonia, which the plant then takes and uses.

The amount of nitrogen fixed by a legume varies by many factors,

# 2026 Graduates

**Alyssa Hoyles, Valedictorian**

Her parents are Todd and Darla Hoyles. She plans to attend Minot State University to study graphic design and business. She will also compete as a dual sport athlete in track and field and wrestling. In elementary school, she remembers playing king of the hill. Her friends and family would describe her as creative, sweet, goofy, quirky, and athletic. Her favorite high school memory was going to state in wrestling and track and watching her wrestling coach lose a bet and having to eat the hottest chicken wings from Buffalo Wild Wings. In 10 years, she would like to become really wealthy by building her own chain of graphic design studios. Her classmates voted her as most likely to crochet her wrestling team's new singlets to wear for Minot State and to win a gold medal. Her favorite staff members were Mr. Thompson and Mr. Riddle.

**Taylor Hermanson, Honor Student**

Her parents are Jason Hermanson, Jessica and Dan Mapel. She plans to attend the University of North Dakota to major in social work. Her friends and family would describe her as hard working, kind, headstrong, and outgoing. Her favorite drinks are coffee and Red Bull. Her favorite high school memory is when Livy, Trypp, Maddox, Braydon, and she went to the football field during Earth Day last year. In 10 years, she hopes to be traveling the world. Her classmates voted her most likely to get kidnapped. Her favorite staff members were Mr. Riddle, Angie Aasand, Denise Cole, and Mr. Stegman.

**Alyvia Quibell, Honor Student**

Her parents are Ray and Kristi Quibell. She plans to attend the University of North Dakota to study nursing, then go to graduate school to specialize in dermatology and aesthetics. Her friends and family would describe her as a hardworking, stylish, regal, and funny. In elementary school she remembers the custodians found poop smears on the stall walls in the bathroom and all the boys had to sit with their heads down while the girls got to play on their iPads. Her favorite high school memory was every day of junior year she got to spend study hall with Mrs. Podvolaska. In 10 years, she hopes to be working as an aesthetic NP and traveling to New York City every chance she gets. Her classmates voted her most likely to become a billionaire. Her favorite thing to do is hang out with friends. Her favorite staff members were Mrs. Podvolaska, Mr. Stegman, Mr. Pokrzywinski and Denise Cole.

Grzadzieleski at 701-360-3351.

ND FARM LAND Values surge upward. Are you selling or renting? Pifer's Auction and Farm Land Management. Bob Pifer 701.371.8538. Kevin Pifer 701.238.5810. Free evaluation.

**MSC FOR SALE**

CASH PAID FOR HIGH-END MEN'S SPORT WATCHES! Rolex, Breitling, Omega, Patek Philippe, Heuer, Daytona, GMT, Submariner and Speedmaster. These brands only! Call 1-833-641-6634

LOOKING FOR THE most complete listing of ND Media? ND Media Guide. Call 701-223-6397, ND Newspaper Association.

**Trypp Castillo**

His parents are Joel Castillo and Tiffany Muller. He plans to attend Mayville State University to study business and play football. His friends and family would describe him as someone who always tells it like it is. His favorite high school memory was going over to Vo-tech in Grafton. In 10 years, he hopes to be somewhere else with money. His classmates voted him most likely to decide to go to college at the last minute. His favorite staff members were Mr. Riddle, Mr. Smith, Ms. Logsdon, and Mr. Rarick.

**Leticia "Abby" Chavez**

Her parents are Paulo and Leticia "Letty" Chavez. She plans to continue working at Love's and get her own apartment. Her friends and family would describe her as very stubborn, funny, and sarcastic. Her favorite high school memory was when Mr. Riddle got a rabbit for the classroom to share. In 10 years, she hopes to be on her own and happy. His classmates voted her most likely to have sleep apnea. Her favorite staff member is yet to be determined. One thing you may not know about her is that she is an unbelievable artist, and she likes to hide her potential from the world, but we (the staff) see it!!

**Ryan Corrick**

His parents are Randy and Jen Corrick. He is a volunteer fireman for the Drayton City Fire Department. He plans to attend the North Dakota State College of Science to study diesel technology. His friends and family would describe him as a great kid with a heart of gold. His favorite high school memory was when he got to drive his tractor to school during FFA week. In 10 years, he will be working at Helm's. His classmates voted him most likely to be calm in a crisis situation. His favorite staff member was Mr. Riddle.

**Jerimiah Johnson**

His mother is Yvonne Johnson. He plans to attend the North Dakota State College of Science to study culinary arts. In junior high, he remembers making his own cookbook and selling it to teachers. His mom found out and she was NOT happy. His friends and family would describe him as a young man who isn't afraid to use spices. His favorite high school memory was buying Crumbl cookies and having a taste test in Quimby's class. In 10 years, he hopes to be a chef in his own restaurant. His classmates voted him most likely to write his own best-selling cookbook called, "50 Full Meals with 3 Ingredients or Less". His favorite staff members were Mr. Muth, Mr. Riddle, Mr. Pokrzywinski, Ms. Logsdon, and Mrs. Quimby.

**AUTOS WANTED**

HELP FIND MISSING KIDS and keep kids safe by donating your Car, Truck, Van or SUV to Find the Children. Running or not, no emission test required. Fast free pickup, 24 hr response, May Qualify for Tax Donation. Call 1-833-545-0694

**HEALTH/MEDICAL**

VIAGRA and CIALIS USERS! 50 Pills SPECIAL \$99.00! 100% guaranteed. CALL NOW! 1-833-641-3417

**MISCELLANEOUS**

WE BUY VINTAGE GUITARS! Looking for 1920-1980 Gibson, Martin, Fender, Gretsch, Epiphone, Guild, Mosrite, Rickenbacker, Prairie State, D'Angelico, Stromberg.

**Stephanie Kissee**

Her parents are Stephen and Lindsay Kissee. She plans to attend the University of Minnesota in Crookston to study animal science. Her friends and family would describe her as friendly and kind. Her favorite high school memory was playing badminton in the gym with friends. In 10 years, she hopes to be working at the Fargo Zoo or as a vet tech. Her classmates voted her most likely to have the most pets.. Her favorite staff members were Barb, Mrs. Quimby, Ms. Logsdon, Mrs. Giannonatti, and Mr. Foster.

**Grant Uggerud**

His parents are Travis Uggerud and Jenny Uggerud. He plans to attend North Dakota State University to study design of some kind. In elementary school, he remembers being very hyper and not being able to sit still. His friends and family would describe him as kind and caring. His favorite high school memory was when he traveled to Florida for a Pokémon regional tournament. In 10 years, he hopes to be totally healthy and finished with college. His class voted him most likely to quit school and travel the world, winning Pokémon competitions. His favorite staff members were Mr. Pokrzywinski and Mr. Thompson.

**Justyce Wallery**

Her mother is Amanda Craig. She plans to attend Bemidji State University for psychology. Her friends and family would describe her as caring, family-oriented, a little too chatty, and very stubborn. Her favorite high school memory was over Christmas break when her and her classmates played Roblox for hours over Google Meet. In 10 years, she hopes to be happy and healthy, whether it's traveling the world or living in a nice home with her beautiful family. Her classmates voted her most likely to need to wrap herself in bubble wrap to keep from getting hurt and to never know when to stop talking. Her favorite drinks are vanilla coke and pumpkin spice iced coffee. Her favorite staff members were Staci Jensen, Mrs. Quimby, Sharon Grundstrom, and Richard, may he rest in peace.

**Jaxon Wilson**

His parents are Doug and Krystal Wilson. He plans to attend the North Dakota State College of Science to study diesel technology. His friends and family would describe him as sarcastic, stubborn, and grumpy. His favorite high school memory was razzing Riddle every day. In 10 years, he plans to be working with Ryan at Helm's. His classmates voted him most likely to work at the same place forever. His favorite staff members were Mrs. Patti Thompson and Mr. Riddle.



**HIRING?**  
Let's let everyone know  
Place your classified today

**Publisher@ValleyNewsandViews.com**  
Call (701) 454-6333



**Leave YOUR Legacy in North Dakota**

Contact the professionals at NDCF for a free, confidential conversation about your options as you plan your estate.



[www.NDCF.net/Plan](http://www.NDCF.net/Plan) | 701-222-8349

**STATEWIDE CLASSIFIEDS**

**HELP WANTED**  
YOU CAN PLACE a 25-word classified ad—like this one—in every North Dakota newspaper for only \$160. It's easy. Contact this newspaper for details.  
IF YOU'RE AGE 55 OR OVER, volunteer with older adults in Burke, Divide, Renville or Sheridan counties. Volunteers commit to weekly hours and receive a tax-free stipend plus mileage reimbursement. Contact us at 701.389.2293 or sonja.mickelson@lssmn.org to learn more.

**SERVICE**  
NEED NEW WINDOWS? Drafty rooms? Chipped or damaged frames? Need outside noise reduction? New, energy efficient windows may be the answer! Call for a consultation & FREE quote today. 1-877-200-2734  
ELECTRICAL SERVICES: Reliable & experienced. Competitive rates. From simple household problems to installing a brand new electrical system, we can take care of it all! Call now and have the zip code of the service location when you call! 1-877-403-0282  
STRUGGLING WITH debt? If you have over \$15,000 in debt we help you be debt free in as little as 24-48 months. Pay nothing to enroll. Call Now: 1-877-688-0872

**FARMLAND**  
WANTED TO PURCHASE OR RENT farmland in the Drayton, St. Thomas, Oakwood area. Call Andy

**HELP WANTED**  
And Gibson Mandolins / Banjos. 1-833-641-7066  
WE BUY HOUSES for Cash AS-IS! No repairs. No fuss. Any condition. Easy process: Call, get cash offer and get paid. Call today for your fair cash offer: 1-701-498-1853  
WATER & FIRE DAMAGE RESTORATION. Our trusted professionals will restore your home to protect your family and your home's value! Call 24/7: 1-877-936-0513 Mold Remediation services are also available!  
HAVE a news release or other information that needs to reach all ND newspapers? ND Newspaper Association can help! One call does it all. 701-223-6397.